



# CDF Operations Report

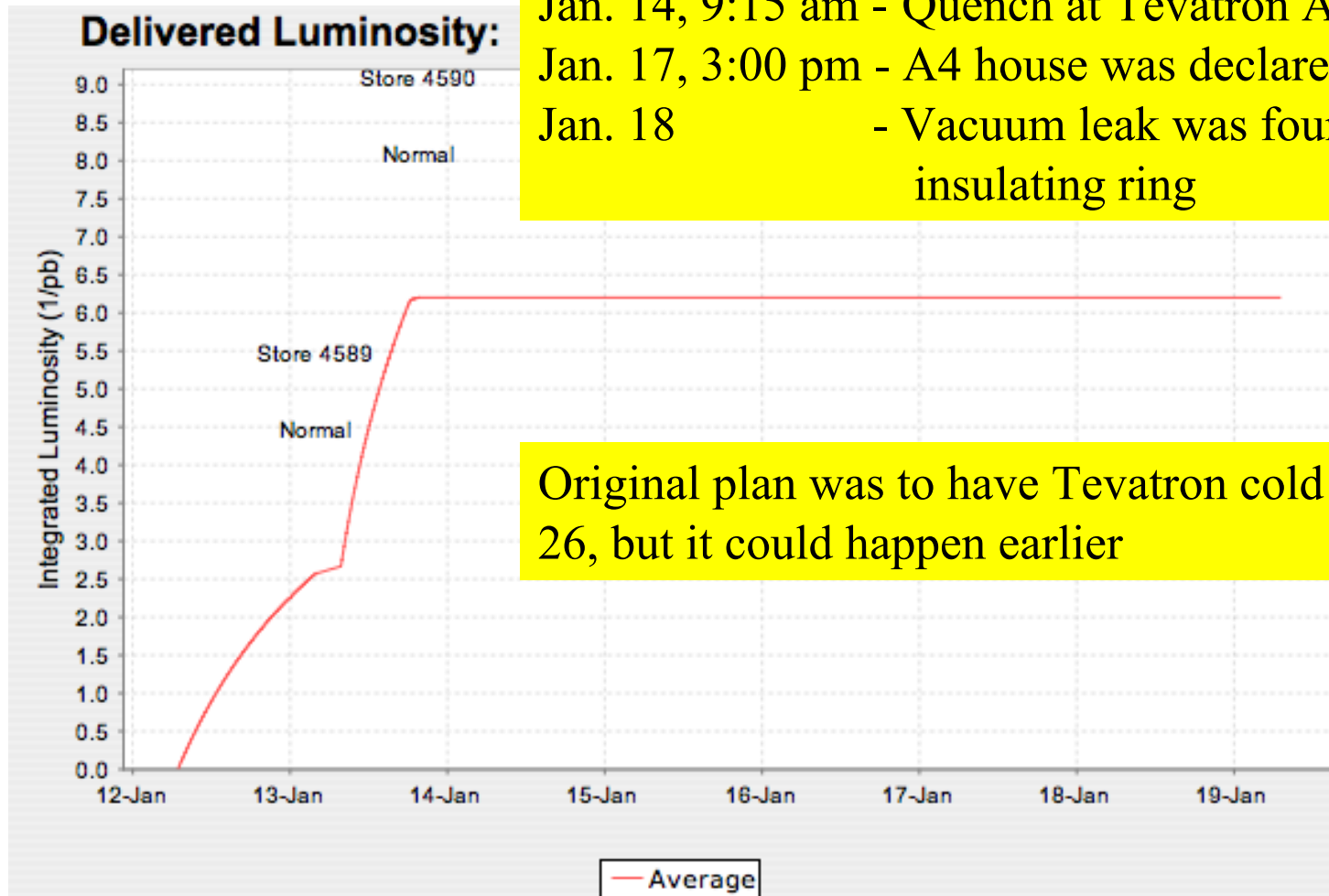
Guram Chlachidze

**CDF Weekly Meeting**  
**January 19, 2006**

# Store Summary (Jan.12 – Jan.19, 2006)

Store	start Date	Time [hours]	Initial lumi [E30]	Integ lumi delivered [pb <sup>-1</sup> ]	Live lumi [pb <sup>-1</sup> ]	GoodRun w/ si [pb <sup>-1</sup> ]	Comments
4589 Normal	01/11	28.8	120.8	5.02	3.91 78.0%	3.91 78.0%	XFT crate ps, PEM/PHA HV, TEL trips
4590 Normal	01/13	12.0	171.9	3.84	3.36 87.3%	3.31 86.2%	COT09, GUT, A49 sep. ps trip
<b>Total</b>	<b>01/12 -19</b>	<b>40.8</b>		<b>8.86</b>	<b>7.27 82.1%</b>	<b>7.22 81.5%</b>	

# Tevatron quench



Jan. 14, 9:15 am - Quench at Tevatron A4 house  
Jan. 17, 3:00 pm - A4 house was declared warm  
Jan. 18 - Vacuum leak was found at A44 insulating ring

Original plan was to have Tevatron cold by January 26, but it could happen earlier

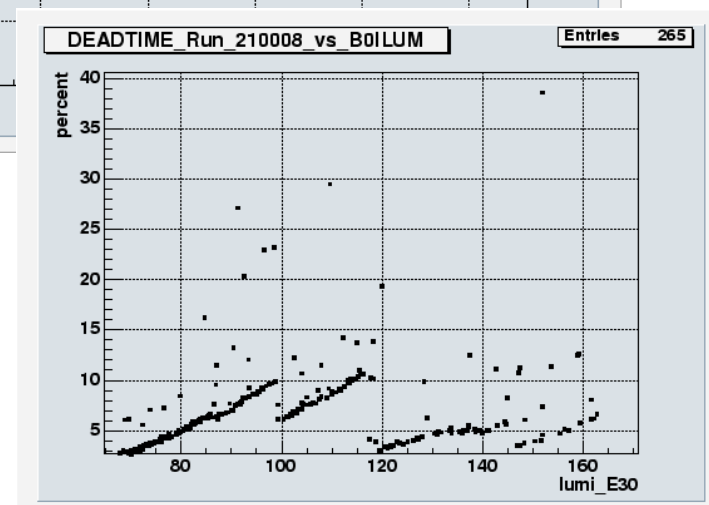
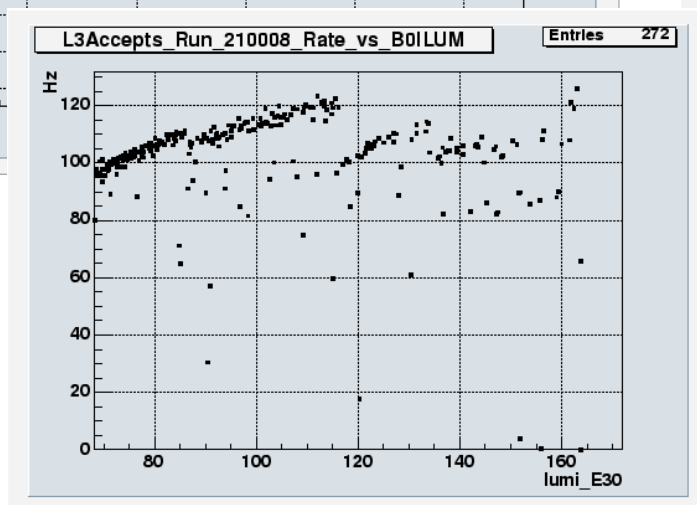
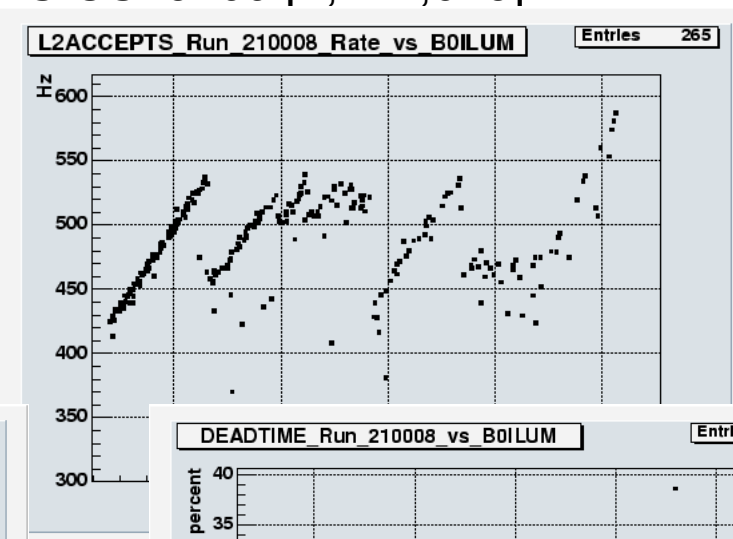
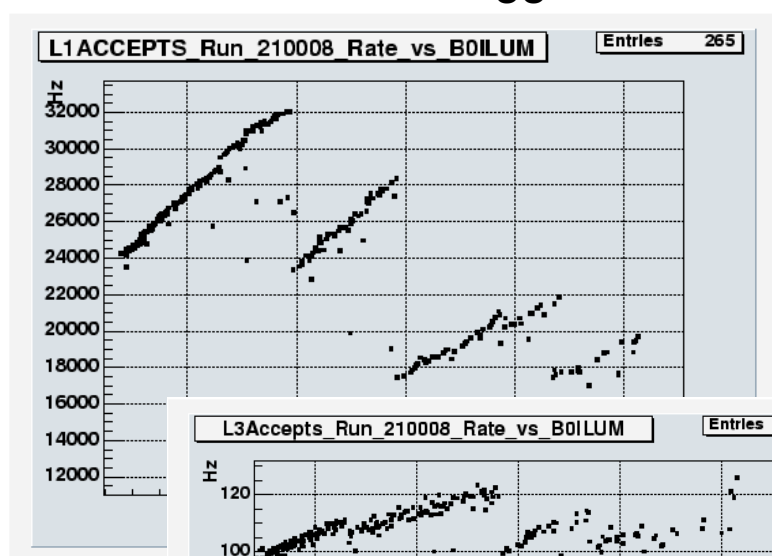
# Detector/System News

- CDF in supervised access
  - Taking calibration and cosmic ray runs
  - SVX and other detectors maintenance work
  - Work for the XFT upgrade
  - Beam Luminosity Monitors: one polycrystalline CVD diamond Detectors to be replaced
  - Replace active dosimeters, fix “halo” counter, install beam abort counter
  - Fix TOF low voltage power supply problem
  - Replace one COT TDC in COT09 crate
- Silicon
  - Detailed Post-quench check out:
    - Very high radiation dose
    - 6 ladders developed (new) problems
    - 9 ladders found with old problems
- COT
  - Several trips on SL6, problem was traced and fixed. More layers to check

# Detector/System News

## First version of the unified trigger table at CDF-II

- Store 4589: GUT table check at  $120\text{E}30\text{ cm}^{-2}\text{sec}^{-1}$ , promising results
- Store 4590: GUT was checked at  $160\text{E}30\text{ cm}^{-2}\text{sec}^{-1}$ , looks fine
- New default trigger table is PHYSICS 3 09 [1,772,613]



# Access summary

## Friday, January 13 (controlled access)

- Forward Detectors
  - Tracer was replaced in b0fcal01 crate

## Tuesday, January 17

- SVX maintenance work

## Wednesday, January 18

- PEH/PHA: 3 HV modules replaced
- XFT work
  - Check of software for SLAM firmware downloading
  - Check of fibers
  - Replace XTC2 boards
- Active dosimeters removed

## A lot of things to do yet

# Run II Integrated Luminosity

